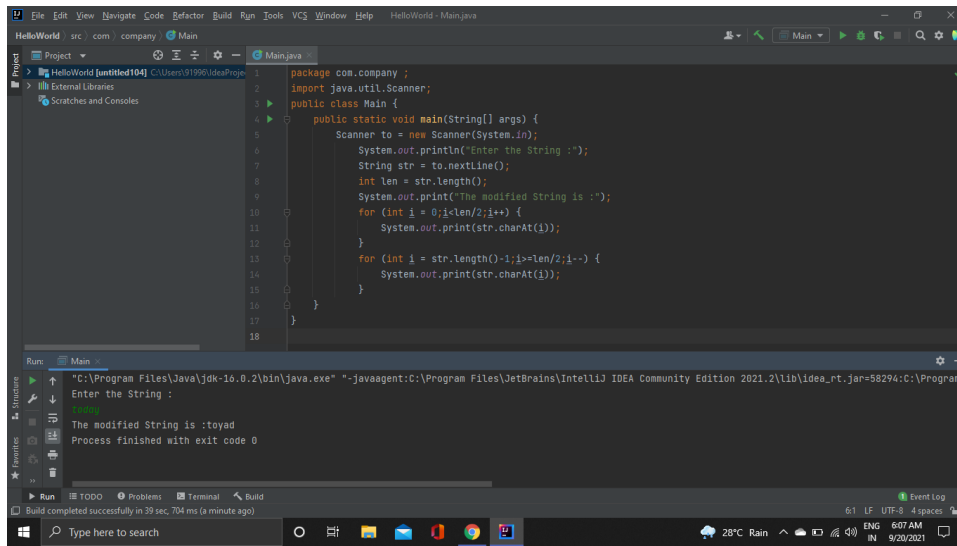


## PROGRAM : 1



```
1 package com.company ;
2 import java.util.Scanner;
3 public class Main {
4     public static void main(String[] args) {
5         Scanner to = new Scanner(System.in);
6         System.out.println("Enter the String :");
7         String str = to.nextLine();
8         int len = str.length();
9         System.out.print("The modified String is :");
10        for (int i = 0; i < len/2; i++) {
11            System.out.print(str.charAt(i));
12        }
13        for (int i = str.length()-1; i >= len/2; i--) {
14            System.out.print(str.charAt(i));
15        }
16    }
17 }
18 }
```

Run: Main

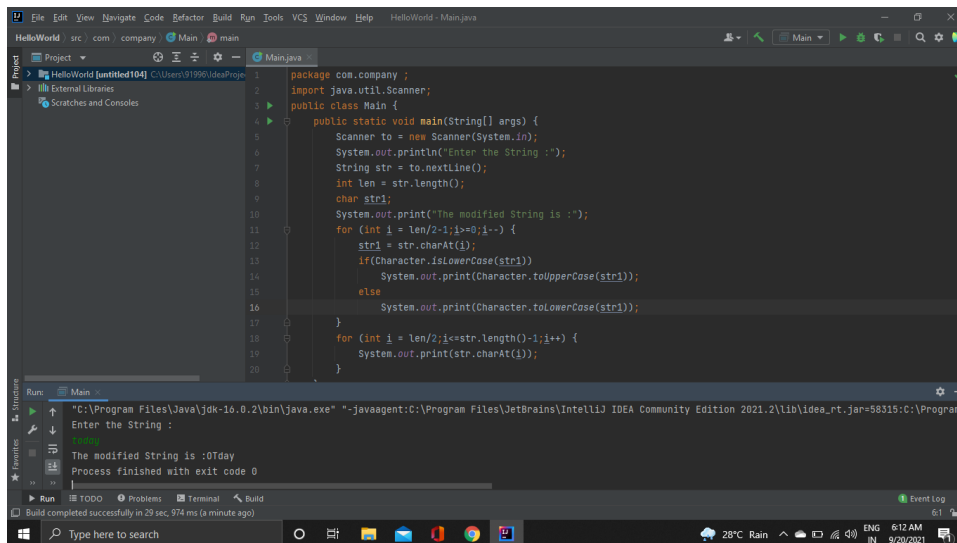
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\lib\idea\_rt.jar=58294:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\conf -Didea.copyright.notification=false -Didea.log=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\log -Didea.platform.prefix=JDK -Didea.vendor.id=JetBrains -Didea.version=2021.2 -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.ext.dirs=C:\Program Files\Java\jre-16.0.2\lib\ext;C:\Program Files\Java\jre-16.0.2\lib\ext\lombok.jar -Djava.library.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.util.logging.config.file=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\conf\logging.properties -Djava.util.logging.manager=org.apache.logging.log4j.core.jul.LogManager -Didea.log=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\log -Didea.platform.prefix=JDK -Didea.vendor.id=JetBrains -Didea.version=2021.2 -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.ext.dirs=C:\Program Files\Java\jre-16.0.2\lib\ext;C:\Program Files\Java\jre-16.0.2\lib\ext\lombok.jar -Djava.library.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.util.logging.config.file=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\conf\logging.properties -Djava.util.logging.manager=org.apache.logging.log4j.core.jul.LogManager

Enter the String :

The modified String is :toyad

Process finished with exit code 0

## PROGRAM : 2



```
1 package com.company ;
2 import java.util.Scanner;
3 public class Main {
4     public static void main(String[] args) {
5         Scanner to = new Scanner(System.in);
6         System.out.println("Enter the String :");
7         String str = to.nextLine();
8         int len = str.length();
9         char str1;
10        System.out.print("The modified String is :");
11        for (int i = len/2-1; i >= 0; i--) {
12            str1 = str.charAt(i);
13            if (Character.isLowerCase(str1))
14                System.out.print(Character.toUpperCase(str1));
15            else
16                System.out.print(Character.toLowerCase(str1));
17        }
18        for (int i = len/2; i < str.length()-1; i++) {
19            System.out.print(str.charAt(i));
20        }
21    }
22 }
```

Run: Main

"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\lib\idea\_rt.jar=58315:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\conf -Didea.copyright.notification=false -Didea.log=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\log -Didea.platform.prefix=JDK -Didea.vendor.id=JetBrains -Didea.version=2021.2 -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.ext.dirs=C:\Program Files\Java\jre-16.0.2\lib\ext;C:\Program Files\Java\jre-16.0.2\lib\ext\lombok.jar -Djava.library.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\bin\idea\_rt.jar -Djava.util.logging.config.file=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\conf\logging.properties -Djava.util.logging.manager=org.apache.logging.log4j.core.jul.LogManager

Enter the String :

The modified String is :0Today

Process finished with exit code 0

